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(71) Applicant (for all designated States except US): **UNIVERSITY OF VIRGINIA PATENT FOUNDATION** [US/US]; 1224 West Main Street 1-110, Charlottesville, VA 22903 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **GUO, Faqiang** [CN/US]; 499 Seymour Road, No.8, Charlottesville, VA 22903 (US). **POON, S., Joseph** [US/US]; 3185 Malbon Drive, Charlottesville, VA 22911 (US). **SHIFLET, Gary, J.** [US/US]; 1718 King Mountain Road, Charlottesville, VA 22901 (US).

(74) Agent: **BREEN, John, P.**; University of Virginia Patent Foundation, 1224 West Main Street, Suite 1-110, Charlottesville, VA 22903 (US).

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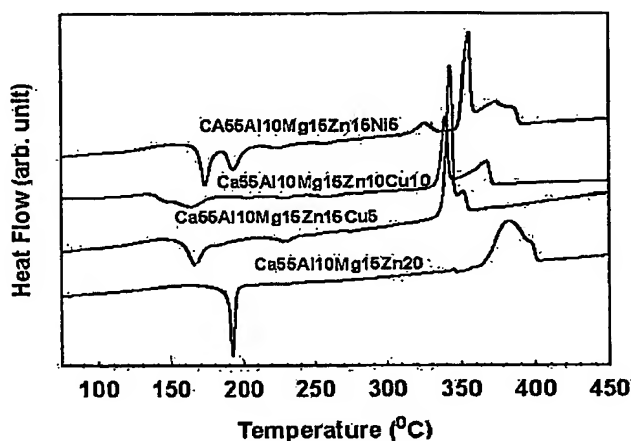
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(54) Title: THERMALLY STABLE CALCIUM-ALUMINUM BULK AMORPHOUS METAL WITH LOW MASS DENSITY



(57) Abstract: The present invention relates to novel calcium based amorphous alloys with high thermal stability and low mass density represented by the general formula: CaAlQ , wherein Q represents one or more elements selected from the group consisting of Cu, Ag, Zn and Mg. Typically, the atomic percentage of the calcium is about 50%.